

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

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Atty. Docket No.
SONN:064USSerial No.
10/518,599Applicant
Joseph M. Penninger et al.Filing Date:
December 17, 2004Group:
~~1651~~ 1632U.S. Patent Documents
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See Page 1Other Art
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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
ap	A1	4,708,871	11/24/87	Geysen, et al.	424	186.1	11/08/84
	A2	5,399,346	03/21/95	Anderson et al.	424	93.21	03/30/94
	A3	5,436,146	07/25/95	Shenk, et al.	435	457	01/21/93
	A4	5,529,774	06/25/96	Barba et al.	424	93.21	08/13/91
	A5	5,547,932	08/20/96	Curiel et al.	435	456	09/23/92
	A6	5,645,829	07/08/97	Shockley et al.	424	93.21	06/18/93
	A7	5,656,465	08/12/97	Panicali et al.	435	456	05/04/94
	A8	5,670,488	09/23/97	Gregory, et al.	514	44	10/13/93
	A9	5,672,344	09/30/97	Kelley, et al.	424	93.2	02/10/94
	A10	5,736,337	04/07/98	Avruch, et al.	435	7.1	06/10/94
	A11	5,741,486	04/21/98	Pathak et al.	424	93.21	06/06/95
	A12	5,767,075	06/16/98	Avruch et al.	514	12	06/02/95
	A13	5,792,851	08/11/98	Schuster, et al.	536	23.5	09/03/96
	A14	5,851,788	12/22/98	Fukuda, et al.	435	29	01/31/97
	A15	6,071,890	06/06/00	Scheule et al.	514	44	10/19/95
	A16	6,174,871	1/16/01	Hammond et al.	514	44	08/10/98
	A17	6,194,556	02/27/01	Acton et al.	536	23.2	12/11/97
	A18	6,224,584	5/1/01	Mach, et al.	604	508	05/04/99
	A19	6,306,830	10/23/01	Hammond et al.	514	44	01/16/98
	A20	6,322,536	11/27/01	Rosengart et al.	604	164.01	09/10/99
ae	A21	6,632,830	10/14/03	Acton, et al.	514	365	04/28/00

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Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
ae	B2	WO 01/29040	4/24/01	WIPO			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
ae	C5	Altschul et al., "Basic local alignment search tool," <i>J. Mol. Biol.</i> , 215:403-410,1990.
	C6	Altschul et al., "Gapped blast and psi-blast: a new generation of protein database search programs," <i>Nucleic Acids Research</i> , 25:3389-3402,1997.
	C7	Andreoli et al., <i>Essentials of Medicine</i> , W.B. Saunders Company, 3:40-243,1993.
	C8	Carretero, et al., "Essential hypertension," <i>Circulation</i> , 101:329-335,2000.
	C9	Christian et al., "Simplified methods for construction, assessment and rapid screening of peptide libraries in bacteriophage," <i>J. Mol. Biol.</i> , 227:711-718.
	C10	Corvol et al., "Peptidyl-dipeptidase a/angiotensin i-converting enzyme," <i>Handbook of Proteolytic Enzyme 2nd Edn</i> , Elsevier Ltd., 82:332-346.
	C11	Corvol et al., "Peptidyl-dipeptidase a/angiotensin i-converting enzyme," <i>Clan MA-M2</i> , 359:1066-1076.
	C12	Cwirla et al., "Peptides on phage: a vast library of peptides for identifying ligands," <i>Biochemistry</i> , 87:6378-6382.
	C13	Donoghue et al., "A novel angiotensin-converting enzyme-related carboxypeptidase (ace2) converts angiotensin to angiotensin 1-9," <i>Circ. Res.</i> , 87:1-9,2000.
	C14	Elkind et al., "Stroke risk factors and stroke prevention," <i>Seminars in Neurology</i> , 18:429-439,1998.
	C15	Enseleit et al., "Vascular protective effects of angiotensin converting enzyme inhibitors and their relation to clinical events," <i>Journal of Cardiovascular Pharmacology</i> , 37:S21-S30,2001.
	C16	Esther et al., "Mice lacking angiotensin-converting enzyme have low blood pressure, renal pathology, and reduced mal fertility," <i>Laboratory Investigation</i> , 74:953-965,1996.
ae	C17	Figlin et al., "Technology evaluation: interleukin-2 gene therapy for the treatment of renal cell carcinoma," <i>Molecular Therapeutics</i> , 1:271-278.

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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
af	C18	Franz <i>et al.</i> , "Analysis of tissue-specific gene delivery by recombinant adenoviruses containing cardiac-specific promoters," <i>Cardiovascular Research</i> , 35:560-566,1997.
	C19	Garg, <i>et al.</i> , "Overview of randomized trials of angiotensin-converting enzyme inhibitors on morality and morbidity in patients with heart failure," <i>Jama</i> , 273:1450-1456,1995.
	C20	Giordano <i>et al.</i> , "A cardiac myocyte vascular endothelial growth factor paracrine pathway is required to maintain cardiac function," <i>PNAS</i> , 98:5780-5785,2001.
	C21	Gish <i>et al.</i> , "identification of protein coding regions by database similarity search," <i>Nature Genetics</i> , 3:266-272,1993.
	C22	Herold <i>et al.</i> , "Herpes simplex virus as a model vector system for gene therapy in renal disease," <i>Kidney International</i> , 61:S3-S8,2002.
	C23	Heusch, "Hibernation Myocardium," <i>Physiological Reviews</i> , 78:1055-1085,1998.
	C24	Hilbert <i>et al.</i> , "Chromosomal mapping of two genetic loci associated with blood-pressure regulation in hereditary hypertensive rats," <i>Nature</i> , 353:521-528,1991.
	C25	Hollenberg, N.K. <i>et al.</i> , "Angiotensin converting enzyme inhibition and the kidney,," <i>Cardiology</i> , 3:S19-S29,1988.
	C26	Jacob, Howard, "Physiological Genetics," <i>Clinical and Experimental Pharmacology and Physiology and Physiology</i> , 26:530-535,1999.
	C27	Keitzmann <i>et al.</i> , "Induction of the plasminogen activator inhibitor-1 gene expression by mild hypoxia via a hypoxia response element binding the hypoxia-inducible factor-1 in rat hepatocytes," <i>Blood</i> , 94:4177-4185,1999.
	C28	Kloner <i>et al.</i> , "Medical and cellular implication of stunning, hibernation, and preconditioning," <i>Circulation</i> , 97:1848-1867,1998.
	C29	Klötting <i>et al.</i> , "Metabolic features of newly established congenic diabetes-prone bb.shr rat strains," <i>Life Science</i> , 62:973-979,1998.
	C30	Kong <i>et al.</i> , "Opgl is a key regulator of osteoclastogenesis, lymphocyte development and lymph-node organogenesis," <i>Nature</i> , 397:315-323,1999.
ay	C31	Krege <i>et al.</i> , "Male-female differences in fertility and blood pre3ssure in ace-deficient mice," <i>Nature</i> , 375:146-148,1995.

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

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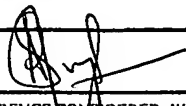
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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C32	Langer <i>et al.</i> , "Adeno-associated virus gene transferred into renal cells: potential for in vivo gene delivery," <i>Exp. Nephrol.</i> , 6:189-194,1998.
	C33	Lien <i>et al.</i> , "Gene therapy for renal disease," <i>Kidney International</i> , 52:S85-S88,1997.
	C34	Madden <i>et al.</i> , "Application of network blast server," <i>Methods in Enzymology</i> , 266:131-141,1996.
	C35	Murphy <i>et al.</i> , "Transgenic mouse model of stunned myocardium," <i>Science</i> , 287:488-490,2000.
	C36	Ohno <i>et al.</i> , "Cell-specific targeting of sindbis virus vectors displaying igg-binding domains of protein a," <i>Nature Biotechnology</i> , 15:763-767,1997.
	C37	Phillips <i>et al.</i> , "Vigilant vector: heart-specific promoter in an adeno-associated virus vector for cardioprotection," <i>Hypertension</i> , 39:651-655,2002.
	C38	Rapp, John P., "Genetic Analysis of Inherited Hypertension in the rat," <i>Physiological Reviews</i> , 80:135-172, 2000.
	C39	<i>Remington: The Science and Practice of Pharmacy</i> , Lippincott Williams and Wilkins, 14:186-200,Unknown Year.
	C40	Risch <i>et al.</i> , "No excess of homozygosity at loci used for dna fingerprinting," <i>Science</i> , 249:1416-1420,1990.
	C41	Rothmann <i>et al.</i> , "Heart muscle-specific gene expression using replication defective recombinant adenovirus," <i>Gene Therapy</i> , 3:919-926,1996.
	C42	Scott-Taylor <i>et al.</i> , "Adenovirus facilitated infection of human cells with ecotropic retrovirus," <i>Gene Therapy</i> , 5:621-629,1998.
	C43	Skeggs <i>et al.</i> , "The biochemistry of the renin-angiotensin system," <i>Adv Exp Med Biol.</i> 130:1-27,1980.
	C44	Sowter <i>et al.</i> , "Hif-1-dependent regulation of hypoxic induction of the cell death factors bnip3 and nix in human tumors," <i>Cancer Research</i> , 61:6669-6673,2001.
	C45	Stoll <i>et al.</i> , "A genomic-systems biology map for cardiovascular function," <i>Science</i> , 294:1723-1726,2001.
	C46	Tanimoto <i>et al.</i> , "Angiotensinogen-deficient mice with hypotension," <i>The Journal of Biological Chemistry</i> , 269:31334-31337,1994.

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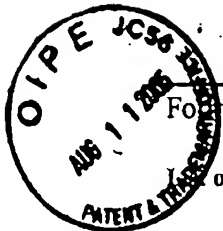
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Exam. Init.	Ref. Des.	Citation
af	C47	Taylor <i>et al.</i> , "The acer gene of drosophila codes for an angiotensin-converting enzyme homologue," <i>Gene</i> , 181:191-197,1996.
	C48	Tipnis <i>et al.</i> , "A human homolog of angiotensin-converting enzyme," <i>The Journal of Biological Chemistry</i> , 275:33238-33243,2000.
	C49	Varda-Bloom <i>et al.</i> , "Tissue-specific gene therapy directed to tumor angiogenesis," <i>Gene Therapy</i> , 8:819-827,2001.
	C50	Vickers <i>et al.</i> , "Hydrolysis of biological peptides by human angiotensin-converting enzyme-related carboxypeptidase," <i>The Journal of Biological Chemistry</i> , 277:14838-14843,2002.
	C51	Weiss <i>et al.</i> , "Angiotensin II and atherosclerosis," <i>Am. J. Hum. Genet.</i> , 87:52C-32C, 2001.
	C52	Wickengarden <i>et al.</i> , "Targeted expression of a dominant-negative $K_v4.2$ K^+ channel subunit in the mouse heart" <i>Circulation Research</i> , 85:1067-1076,1999.
	C53	Wuyts <i>et al.</i> , "Angiotensin i-converting enzyme insertion/deletion polymorphism: clinical implications," <i>Acta Clinica Belgica</i> , 52-6:338-349,1997.
	C54	Wynngaarden <i>et al.</i> , <i>Cecil Textbook of Medicine</i> , W.B. Saunders Company, 2:1272-1281,1992.
	C55	Yagil <i>et al.</i> , "Role of chromosome x in the sabra rat model of salt-sensitive hypertension," <i>Hypertension</i> , 33:261-265,1999.
	C56	Yangil <i>et al.</i> , "Development, genotype and phenotype of a new colony of that sabra hypertension prone (sbh/y) and resistant (sbn/y) rat model of salt sensitivity and resistance," <i>Journal of Hypertension</i> , 14:1175-1182, 1996.
	C57	Yusuf <i>et al.</i> , "Global burden of cardiovascular disease," <i>Circulation</i> , 104:2746-2753,2001
	C58	Zhang <i>et al.</i> , "Powerblast: a new network blast application for interactive or automated sequence analysis and annotation," <i>Genome Research</i> , 7:649-656,1997.
af	C59	Zvaritch <i>et al.</i> , "The transgenic expression of highly inhibitory monomeric forms of phospholamban in mouse heart impairs cardiac contractility," <i>The Journal of Biological Chemistry</i> , 275:1485-14991,2000.

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